

57538-46

1/16/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7511P)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:

57538-46

Date of Issuance:

JAN 16 2014

Term of Issuance:

Unconditional

NOTICE OF PESTICIDE:

Registration  Re-registration  
(under FIFRA, as amended)

Name of Pesticide Product:

Stimulate™ Seed Germ

Name and Address of Registrant (include ZIP Code):

Stoller Enterprises, Inc.  
4001 W. Sam Houston Parkway, North, Ste.# 100  
Houston, TX 77043

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

The product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 3(g) when the Agency requires all registrants of similar products to submit such data.
2. Submit an acceptable data package within 18 months of the date of registration for the following Guideline Studies: OPPTS 830.6320 (Corrosion Characteristics) and OPPTS 830.6317 (Storage Stability).
3. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 57538-46."
4. Submit two (2) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of the final printed label.

If these conditions are not complied with, the registration will be cancelled in accordance with FIFRA sec. 6(b). Your release for shipment of the product constitutes acceptance of this condition. A stamped copy of the label is enclosed for your record.

Signature of Approving Official:

ACTING

John Leahy, Associate Director  
Biopesticides and Pollution Prevention Division

Date:

1/16/14

# STIMULATE™ Seed Germ

### ACTIVE INGREDIENTS:

Cytokinin (as kinetin) .....	0.005%
Gibberellic acid .....	0.016%
Indole-3-butyric acid .....	0.004%
Indole-3-acetic acid .....	0.004%

<b>OTHER INGREDIENTS:</b> .....	<b>99.971%</b>
Total .....	100.000%

This product contains: 0.001488 grams cytokinin, 0.004762 grams gibberellic acid, 0.001190 grams indole-3-butyric acid, and 0.001190 grams indole-3-acetic acid per fluid ounce.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

FIRST AID	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>).</p>	

See additional Precautionary Statements on left panel.

EPA Reg. No. 57538-  
**ACCEPTED**

JAN 1 6 2014

EPA Est. Nos. 57538-FL-1,  
57538-TX-1, 57538-TX-2

Read attached label before using.

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No.

57538-46

Manufactured By  
**STOLLER ENTERPRISES, INC.**  
4001 W Sam Houston Pkwy N, Suite 100  
Houston, Texas 77043 U.S.A.  
Phone (713) 461-1493 Fax (713) 461-4467  
Web: [www.keylate.com](http://www.keylate.com) E-mail: [stoller@keylate.com](mailto:stoller@keylate.com)

- 1 Gallon (8.6 lbs.)
- 1 quart (2.16 lbs.)
- 1 pint (1.008 lbs.)

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

**PERSONAL PROTECTIVE EQUIPMENT**

Waterproof gloves are sufficiently chemical-resistant for this product. If you want more options, follow the instructions for category A<sub>1</sub> on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride,
- shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4.6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and bodies of water.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

DO NOT APPLY THROUGH ANY TYPE OF CHEMIGATION SYSTEM.

### GENERAL INFORMATION

Seed Germ is a biostimulant containing plant growth regulators. Seed Germ enhances plant growth and development by stimulating cell division, cell differentiation and enlargement, nutrient uptake and nutrient utilization. It is compatible with pesticides. Seed Germ may be applied as a seed treatment prior to planting or as an in furrow application at the time of planting. #

**MIXING INSTRUCTIONS:** Seed Germ is water soluble. Shake Seed Germ thoroughly and dilute in sufficient water to assure adequate, even coverage without producing excessive runoff. Agitate the spray mixture during application and apply within 12 hours of dilution.

Seed Germ can be applied tank mixed with most insecticides, fungicides, and herbicides but must be the last addition to the spray mixture. If the tank mix combination has not been used previously, contact a Stoller representative or conduct a jar test to test for compatibility. Use a small jar and mix a small amount of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minute after mixing. To ensure maximum crop safety and product performance, follow all precautions and limitations on this label and labels of products used in the tank mixture.

### APPLICATION INSTRUCTIONS

**Seed Treatment:** Apply 4 ounces of Seed Germ per one hundred pounds of seed. When possible, apply Seed Germ at the same time seed is being treated with fungicides, insecticides or other chemicals. Follow the mixing instructions above.

Seed treated with Seed Germ that is not planted may be used as livestock feed.

In Furrow Application: Apply 4 ounces of Seed Germ in at least 5 gallons of water per acre at the time of planting. Use sufficient water so spray will surround the area around the planted seed.

### VEGETABLES

Crops	Number of applications	Furrow Fl oz/ acre	Furrow ml/ha	Seed Treat Fl oz/ cwt	Seed Treat ml/cwt	Spray Application Timing
Beans	1	4	280	4	280	Apply as a seed treatment before planting or as an in furrow treatment at the time of planting. Use water based seed treatment.
Broccoli	1	4	280	4	280	
Brussel Sprouts	1	4	280	4	280	
Cabbage	1	4	280	4	280	
Cauliflower	1	4	280	4	280	
Corn, sweet	1	4	280	4	280	
Cucumber	1	4	280	4	280	
Lettuce	1	4	280	4	280	
Melons	1	4	280	4	280	
Onions	1	4	280	4	280	
Peppers	1	4	280	4	280	
Potatoes	1	4	280	4	280	
Squash	1	4	280	4	280	
Tomatoes	1	4	280	4	280	

### FIELD CROPS

Crops	Number of applications	Furrow Fl oz/ acre	Furrow ml/ha	Seed Treat Fl oz/ cwt	Seed Treat ml/cwt	Spray Application Timing
Alfalfa	1	4	280	4	280	Apply as a seed treatment before planting or as an in furrow treatment at the time of planting. Use water based seed treatment.
Barley	1	4	280	4	280	
Beets, Sugar	1	4	280	4	280	
Canola	1	4	280	4	280	
Corn	1	4	280	4	280	
Cotton	1	4	280	4	280	
Oats	1	4	280	4	280	
Grasses	1	4	280	4	280	
Peanuts	1	4	280	4	280	
Rice	1	4	280	4	280	
Sorghum	1	4	280	4	280	
Soybeans	1	4	280	4	280	
Tobacco	1	4	280	4	280	
Wheat	1	4	280	4	280	

NOTICE: SEED GERM IS NOT A FERTILIZER. USE IN COMBINATION WITH A GOOD FERTILIZER PROGRAM WHERE INDICATED.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Do not store in direct sunlight. Avoid freezing temperatures.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** : [Use label language appropriate for container size and type.]

**Nonrefillable container.** Do not reuse or refill this container. Clean container promptly after emptying.

**Nonrefillable container equal to or less than 5 gallons.** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 120 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable container greater than 5 gallons.** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300.**

**WARRANTY STATEMENT:** To the fullest extent permitted by law, Stoller Enterprises, Inc. warrants that the product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.

10/27/10